# A3 outdoor billboard

## Brand-new cabinet

## Redesigned features
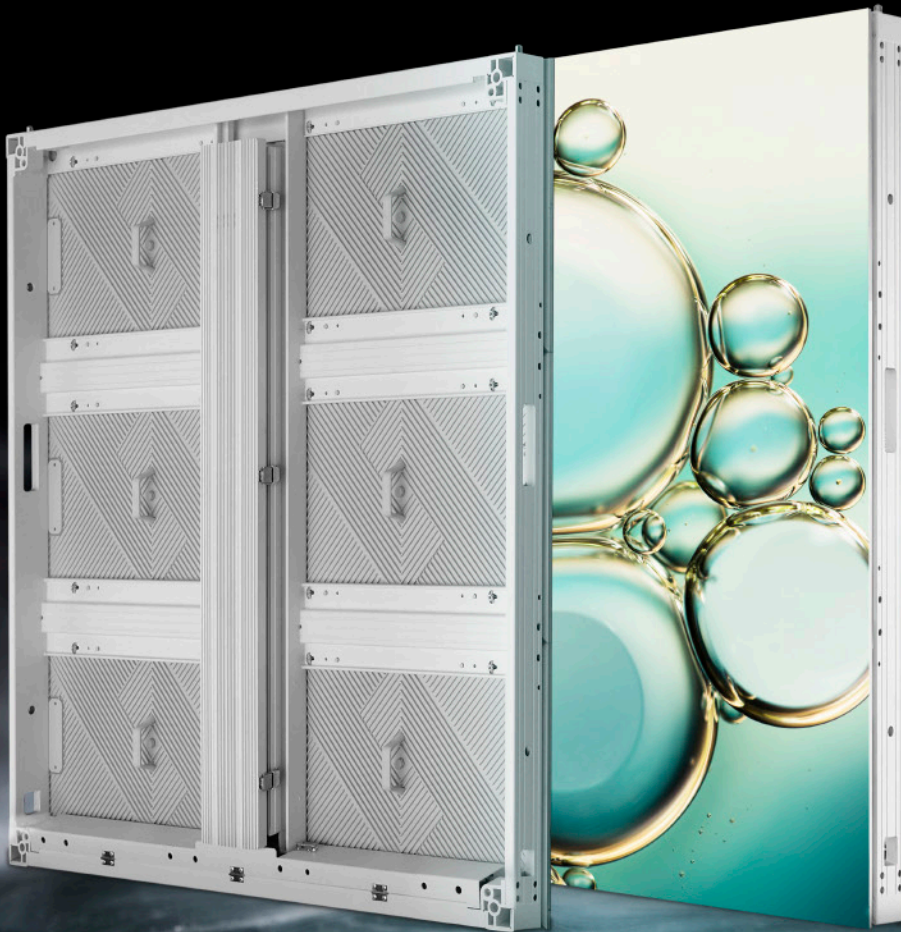
## Main Tech Specs

| | | | |
|---|---|---|---|
| **≥6500 nits** | **IP65** | **Front & rear** | **14 bit** |
| High brightness | Weatherproof | Convenient service | High gray scale |
| **0.01mm** | **72mm** | **25 KG** | **3840 Hz** |
| Perfect flatness | Thin cabinet | Light cabinet | High refresh rate |

# A3 outdoor billboard with redesigned cabinet

A3 is a brand-new outdoor billboard with completely redesigned cabinet and module, 100% made of die-casting aluminium cabinet, featuring excellent thermal management. Optimized circuit design, saving electricity up to 50% comparing to traditional display. A3 featuring a extremely easy-to-use architecture, with module and control box are accessible both from front and rear.

# A3

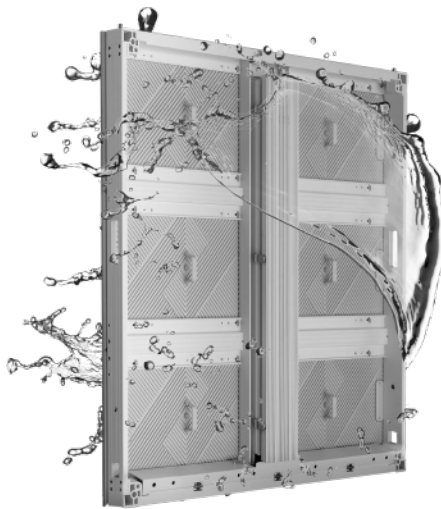# Redesigned cabinet for outdoor billboard



## 72mm
cabinet thickness

## 25kg
per cabinet

## Compact structure, lightweight and thin

960mm by 960mm cabinet, weighs only 25kg, and measure only 72mm thick, making it much easier to transport and install.

## IP65
Ingress protection

## High ingress protection

As an product designed for out-of-home digital billboard, A3 comes with an ingress protection level rating up to 68, it can work properly regardless of demanding environments.
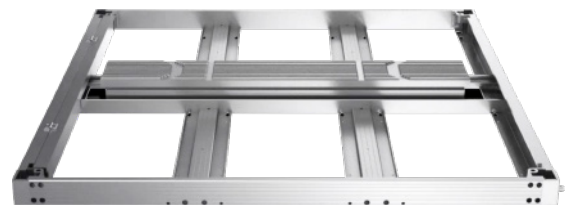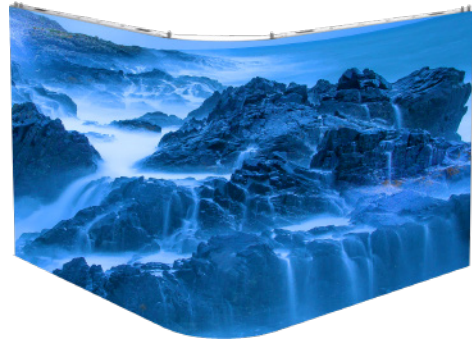
## Excellent thermal management

100% made of die-casting aluminium, redesigned frame cabinet structure, high strength and excellent thermal management.
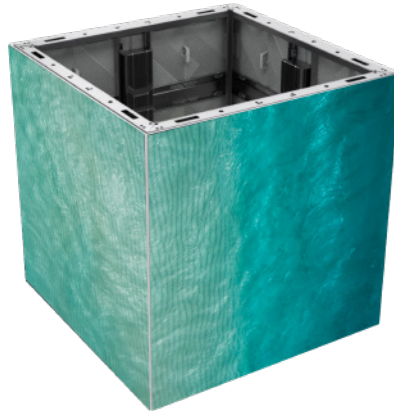
## Seamless curve visual effect

Available in seamless curve cabinet, specifically designed for walls with curves to deliver stunning and immersive visual experience.

## 90° curve beveling cabinet

A3 cabinet is also available in 90° curve bevelling cabinet with which to create more creative display possibilities.

## Precise and easy-to-use positioning pin and lock

Both A3 module and cabinet are equipped with rotation lock and positioning pins, it helps to easily fix and stabilize module and cabinet without even a trying, fast and efficient.
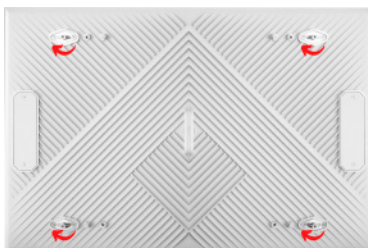
## Optimized circuit, energy efficient

A3 comes with Kensun's latest generation of circuit design, saving electricity up to 50% comparing to traditional LED display.

Saving energy up tp
↓ **50%**

# Front and rear access design

Both module and power box are accessible from front and rear, it only takes four steps to disassemble or assemble a module, making service much effortless.
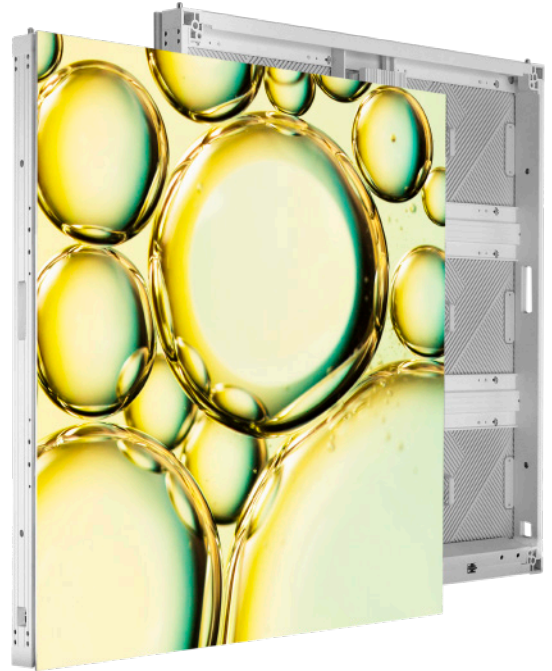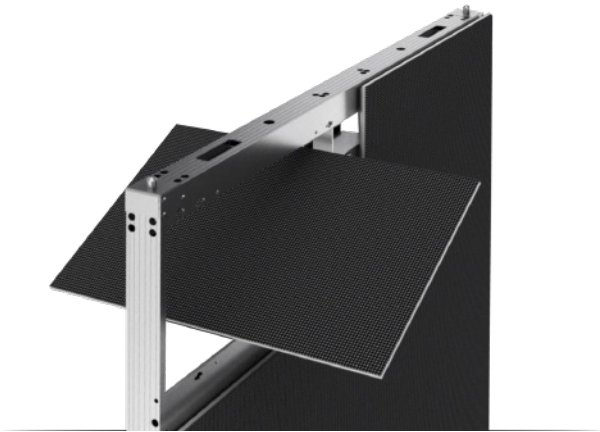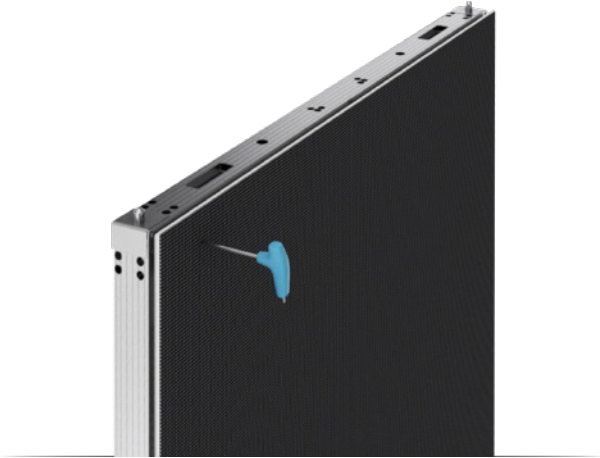


## 6500 nits
Brightness

## 3840 Hz
Refresh rate

# True-to-life image quality

With brightness up to 6500 nits and refresh rate up to 3840Hz, A3 delivers true-to life image reproduction with every pixel performing perfectly and as intended.
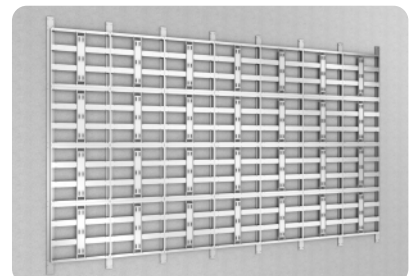
# Flexible installation

Thanks to the user-friendly cabinet design, A3 display can be either supported on a installation structure, fixed on wall with or without maintenance access, making application more flexible.
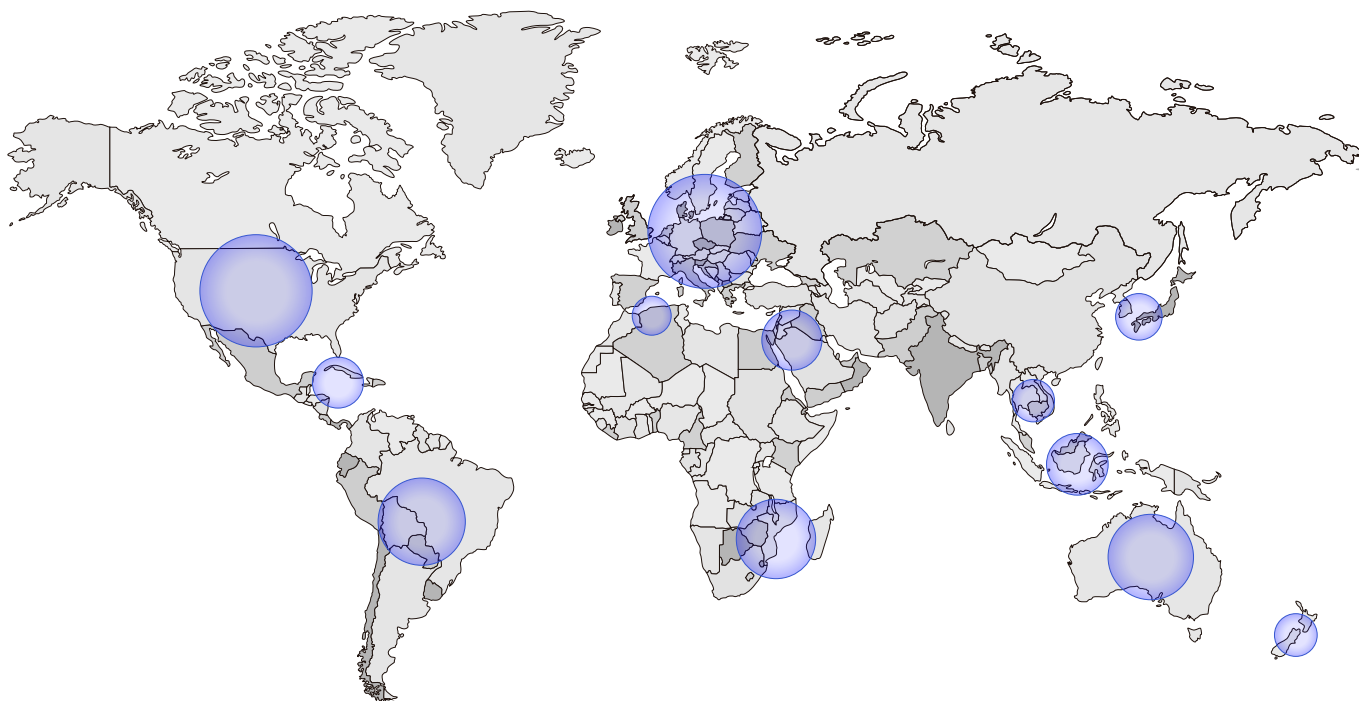
# Tech Specs

| Items | 5.7mm | 6.66mm | 8mm | 10mm |
|---|---|---|---|---|
| **Diode** | | | | |
| LED type | SMD 3 in 1 | SMD 3 in 1 | SMD 3 in 1 | SMD 3 in 1 |
| Pixel density (pixel/m$^2$) | 30625 | 22500 | 15625 | 10000 |
| Viewing angle(°) | H140 / V140 | H140 / V140 | H140 / V140 | H140 / V140 |
| **Module** | | | | |
| Dimension (W×H×D mm) | 480 x 320 | 480 x 320 | 480 x 320 | 480 x 320 |
| Resolution (W×H pixel) | 84 x 56 | 72 x 48 | 60 x 40 | 48 x 32 |
| **Cabinet** | | | | |
| Material | Aluminium | Aluminium | Aluminium | Aluminium |
| Weight (kg/cabinet) | 25 | 25 | 25 | 25 |
| Dimension (W×H×D mm) | 960 x 960 x 72 | 960 x 960 x 72 | 960 x 960 x 72 | 960 x 960 x 72 |
| Resolution (W×H pixel) | 168 x 168 | 144 x 144 | 120 x 120 | 96 x 96 |
| Ingress protection | IP65 | IP65 | IP65 | IP65 |
| Access | Front / rear | Front / rear | Front / rear | Front / rear |
| **Signal & power** | | | | |
| Input signal | DVI, DP, HDMI, ect. | DVI, DP, HDMI, ect. | DVI, DP, HDMI, ect. | DVI, DP, HDMI, ect. |
| Input power (V) | AC100~240 | AC100~240 | AC100~240 | AC100~240 |
| Avg. power (W/m$^2$) | 800 | 800 | 800 | 800 |
| Max. power (W/m$^2$) | 320 | 320 | 320 | 320 |
| **Performance** | | | | |
| Scan (S) | 1/7 | 1/6 | 1/5 | 1/2 |
| Contrast ratio | ≥3000:1 | ≥3000:1 | ≥3000:1 | ≥3000:1 |
| Gray scale (bit) | 14 | 14 | 14 | 14 |
| Brightness (nits) | ≥6500 | ≥6500 | ≥6500 | ≥6500 |
| Refresh rate (Hz) | ≥3840 | ≥3840 | ≥3840 | ≥3840 |
| Colour temperature (k) | 6500-8500 | 6500-8500 | 6500-8500 | 6500-8500 |
| Lifespan (hour) | 100000 | 100000 | 100000 | 100000 |
| **Application** | | | | |
| Working environment | Outdoor | Outdoor | Outdoor | Outdoor |
| Working temperature (°C) | -20~60 | -20~60 | -20~60 | -20~60 |
| Storage temperature (°C) | -40~80 | -40~80 | -40~80 | -30~80 |
| Working humidity (%) | 10~95 | 10~95 | 10~95 | 10~95 |
| Storage humidity (%) | 10~95 | 10~95 | 10~95 | 10~95 |

bsi ISO 14001:2015 Environmental Management    bsi ISO 9001:2015 Quality Management    CE    FC    RoHS    ETL us Intertek    UL

# KENSUN

# Countries or regions we have introduced our products to



| | | | | |
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| Canada | Netherlands | Nigeria | Japan | Fiji |
| America | Germany | Egypt | South Korea | Australia |
| Mexico | France | Kenya | Philippines | New Zealand |
| Brazil | Britain | Madagascar | Sri Lanka | |
| Argentina | Italy | South Africa | Indonesia | |
| Colombia | Britain | | Thailand | |